

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC20170006204				
CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)				
PALABRAS CLAVE UTILIZADAS		Thiazole* (3W) ketone And carbamo* AND DMF and		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: a61k31/426		
		CPC:		
DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)				
Informes/Base de datos	N° de solicitud/ Autor**	Fecha de Publicación/ Presentación (DD/MM/AAAA)	Reiv. afectadas (Con indicación, si procede, de las partes relevantes o números de secuencias)	Categorías especiales de los documentos citados***
SIPI				
ISA/IPEA (****) EPO	US2007105919 WO2012027965	10/05/2007 08/03/2012	1-15 1-15	Y Y
USPTO				
JPO				
KIPO				
Patbase*	WO2012027965	08/03/2012	1-15	Y
Google scholar				
Google Patents				
STN	US2012172362 US2012184554 US2012101101 US2011183992 US2010152162 US2007105919	05/07/2012 09/07/2012 26/04/2012 28/07/2011 17/06/2010 10/05/2007	1-15 1-15 1-15 1-15 1-15 1-15	Y Y Y Y Y Y
*** Categorías especiales de documentos citados:				
“A” documento que define el estado general de la técnica no considerado como particularmente relevante. “E” solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior. “P” documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.		“X” documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado. “Y” documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.		
**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.				

Literatura no patente **Se incluye entre otros, toda la referencia de la literatura no patente.	
---	--

Fecha del reporte de búsqueda:	
---------------------------------------	--

STN® Projects Working On - Untitled2

Welcome, Juan Nicolas Tarquino Chia Layout Settings STN Help Contact Us Sign Out

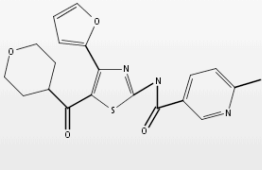
Caplus, REGISTRY

STR1/SSS,FULL

Submit

QUERIES (2) STRUCTURES (1) SAVED (0)

STR1 Add tag



Caplus (9) REGISTRY (9)

Get Substances View: Extended Sort by: Accession Number Display: 25

Nakajima, Takao • Sugawara, Masamori • Uchida, Shinichi • Ohno, Tetsuji • Nomoto, Yuji More
Kyowa Hakko Kogyo Co., Ltd., Japan (JP)
PCT Int. Appl. pp. 394 In Japanese
2005-612283 (DN 143:133362)

Patent Information

Publication			Application		Priority	
Number	Kind	Date	Number	Date	Number	Date
WO2005063743	A1	20050714	WO2004-JP19778	20041224	JP2003-432777	20031226

Abstract

The patent relates to the synthesis of an adenosine A2A receptor antagonist which contains as an active ingredient either a thiazole deriv. represented by 1 (wherein n is an integer of 0 to 3; R¹ represents (un)substituted cycloalkyl, (un)substituted aryl, (un)substituted alicyclic heterocyclic group, or (un)substituted arom. heterocyclic group; R² represents halogeno, (un)substituted lower alkyl, (un)substituted aryl, (un)substituted alicyclic heterocyclic group, (un)substituted arom. heterocyclic group, -COR⁸, etc.; and R³ and R⁴ are the same or different and each represents hydrogen, (un)substituted lower alkyl, (un)substituted aralkyl, -COR¹², etc.) or a pharmacol. acceptable salt of the deriv. Thus, N-(4-(2-furyl)-5-(4-pyridyl)thiazol-2-yl)pyridine-4-carboxamide (40 gm) was prepd. and formulated with lactose 286.8, potato starch 60, hydroxypropylcellulose (10% aq. soln.) 120, and magnesium stearate 1.2 gm to make tablets contg. 10% active ingredient for adenosine A2A receptor antagonist.

Supplementary Terms: thiazole deriv adenosine A2A receptor antagonist synthesis

Selected: 0 | Total: 0

STN Search Queries

- L1** **Initial Search:** 07-Oct-2018 06:25 PM EDT **Last Search:** 07-Oct-2018 06:28 PM EDT
STR1/SSS,FULL
Referenced Structures
STR1
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
 Caplus: 9 REGISTRY: 9
- L2** **Initial Search:** 07-Oct-2018 06:26 PM EDT **Last Search:** 07-Oct-2018 06:26 PM EDT
 refx (1964461-71-9/rn and **STR1/SSS,FULL**)
Referenced Structures
STR1
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
 Caplus: 1 REGISTRY: -
- L3** **Initial Search:** 07-Oct-2018 07:01 PM EDT **Last Search:** 07-Oct-2018 07:01 PM EDT
STR2/SSS,FULL
Referenced Structures
STR2
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
 Caplus: 6 REGISTRY: 1
- L4** **Initial Search:** 07-Oct-2018 07:04 PM EDT **Last Search:** 07-Oct-2018 07:04 PM EDT
STR3/SSS,FULL
Referenced Structures
STR3
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
 Caplus: 6 REGISTRY: 1
- L5** **Initial Search:** 07-Oct-2018 07:08 PM EDT **Last Search:** 07-Oct-2018 07:08 PM EDT
STR4/SSS,FULL
Referenced Structures
STR4
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on
 Caplus: 1 REGISTRY: 1
- L6** **Initial Search:** 07-Oct-2018 07:20 PM EDT **Last Search:** 07-Oct-2018 07:20 PM EDT
L1 or L3 or L4 or L5
User Settings: Abbreviations=on; Plurals=on; Spelling=on; Apostrophe=on; Chemical Names=on; Diacritics=on; Hyphen=on; Cross File=on

CAplus: 9

REGISTRY: 12



Number of structures found: 3

Search: C(C1OC=CC=1)1=C(C(=O)C2CCOCC2)SC(NC(=O)C2=NC=C(C)C=C2)=N1

Search type: Similarity (95%)

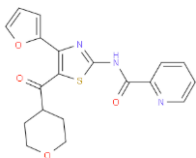
Number of structures shown: 3

Number of patent publications found: 103

Country: AU , CN , DD , DE , EP , FR , GB , IN , IL , JP , RU , KR , SU , US , WO

Select all Clear all View selected in PatBase Export to Excel

Search/Filter this page

#	Structure	Details	Tanimoto similarity	Publications
1) ☐		N-[4-(2-Furyl)-5-(tetrahydropyran-4-ylcarbonyl)thiazol-2-yl]pyridine-2-carboxamide IUPAC Name: N-[4-(furan-2-yl)-5-(oxane-4-carbonyl)-1,3-thiazol-2-yl]pyridine-2-carboxamide Molecular Weight: 383.421 g/mol InChIKey: UIAGKGACDFIBPD-UHFFFAOYSA-N SMILES: <chem>O1C(=CC=C1)C=1N=C(SC1C(=O)C1CCOCC1)NC(=O)C1=NC=CC=C1</chem> Formula: C ₁₉ H ₁₇ N ₃ O ₄ S 22 patent publications found View in PatBase Stats Analytics Links: PubChem ChemSpider Wikipedia Save MOL	97.9%	22

#	Search query	Results	Options
9	7 and 8	3	View Browse Hits Optimise more...
8	IC=(A61K31/426)	6886	View Browse Hits Optimise more...
7	5 and 6	10	View Browse Hits Optimise more...
6	PD<(2014)	more than 1,000,000	View Browse Hits Optimise more...
5	3 and 4	11	View Browse Hits Optimise more...
4	FT=(DMF)	139341	View Browse Hits Optimise more...
3	1 and 2	20	View Browse Hits Optimise more...
2	FT=(carbamo*)	82691	View Browse Hits Optimise more...
1	FT=(thiazole* 3w ketone*)	125	View Browse Hits Optimise more...